

## Message Text

CONFIDENTIAL

PAGE 01 STATE 032269

17

ORIGIN EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 TRSE-00 EUR-12

AEC-05 ISO-00 EA-06 ACDA-05 OES-03 /039 R

DRAFTED BY EB/ITP/EWT:JMGREGORY:ERS  
APPROVED BY EB/ITP/EWT:JMGREGORY, JR.  
COMMERCE-RDIXON  
DEFENSE-LJAMES  
RPE

----- 008131

R 122057Z FEB 75  
FM SECSTATE WASHDC  
TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 032269

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM

SUBJECT: COCOM LIST REVIEW - IL 1133 CRYO VALVES

REF: A) COCOM DOC REV (74)1133/1  
B) OECD PARIS 25473

DEL SHOULD PASS THE FOLLOWING TO HIS GERMAN COLLEAGUE IN  
CONTINUATION OF THE DIALOGUE CONTAINED IN PARA SEVEN,  
REFTEL B:

1) THE PRESENT TEMPERATURE CUT-OFF OF MINUS 200 DEGREES  
C IN 1131(B), 1133(A), AND 1145(A) IS INTENDED TO FREE THE  
RESPECTIVE ITEMS OF EQUIPMENT REQUIRED FOR COMMERCIAL AND  
INDUSTRIAL USEAGE OF LIQUID OXYGEN AND LIQUID NITROGEN.  
IT IS ABOUT 4 DEGREES BELOW THE BOILING POINT OF LIQUID  
NITROGEN AT ATMOSPHERIC (0 GAUGE) PRESSURE, AND ABOUT  
17 DEGREES BELOW THAT OF LIQUID OXYGEN.

CONFIDENTIAL

CONFIDENTIAL

PAGE 02 STATE 032269

2) REDUCING THIS CUT-OFF TO MINUS 250 DEGREES C, AS INFORMALLY SUGGESTED BY GERMAN EXPERTS IN THE FIRST ROUND, WOULD PROVIDE NO MORE THAN MARGINAL PRODUCTION FOR THE MORE SOPHISTICATED ITEMS OF EQUIPMENT REQUIRED FOR LIQUID HYDROGEN AND NONE AT ALL FOR THOSE REQUIRED FOR LIQUID DEUTERIUM. BEFORE FURTHER US CONSIDERATION CAN BE GIVEN TO THE PRACTICABILITY OF LOWERING THE PRESENT CUT-OFF TEMPERATURE, WE BELIEVE IT NECESSARY TO ASK THE FOLLOWING INFORMATION OF FRG AUTHORITIES:

A) WHETHER GERMAN EXPERTS HAVE IN MIND ANY SPECIFIC COMMERCIAL/INDUSTRIAL APPLICATIONS OF LIQUID OXYGEN OR LIQUID NITROGEN REQUIRING OPERATING OR USE TEMPERATURE BELOW THE PRESENT CUT-OFF OF MINUS 200 DEGREES C.

B) IF SO, AN INDICATION OF THE RESPECTIVE OPERATING TEMPERATURES REQUIRED AND AN EXPLANATION OF THE NECESSITY TO SUPERCOOL THE REQUIRED OXYGEN AND NITROGEN TO THESE LOW LEVELS WOULD BE VERY USEFUL TO US ANALYSTS.

C) WHETHER THESE APPLICATIONS ARE ABLE TO EMPLOY ITEMS OF EQUIPMENT THAT ARE OF STANDARD DESIGN FOR SERVICE WITH LIQUID OXYGEN AND/OR LIQUID NITROGEN, OR WHETHER THEY REQUIRE A MORE SOPHISTICATED DESIGN AND/OR OTHER CONSIDERATIONS TO ACCOMMODATE THE LOWER OPERATING TEMPERATURES.

D) IF THE LATTER, WHETHER THEY ARE STANDARD ITEMS OF MANUFACTURE IN WESTERN EUROPE, AND WHETHER BROCHURES OR OTHER DESCRIPTIVE MATERIAL CAN BE SUPPLIED FOR REVIEW BY US EXPERTS. INGERSOLL

CONFIDENTIAL

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** EQUIPMENT, STRATEGIC TRADE CONTROLS, EXCEPTIONS LIST  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 12 FEB 1975  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** GarlanWA  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1975STATE032269  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** JMGREGORY:ERS  
**Enclosure:** n/a  
**Executive Order:** X1  
**Errors:** N/A  
**Film Number:** D750052-0712  
**From:** STATE  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1975/newtext/t19750249/aaaabrqw.tel  
**Line Count:** 92  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ORIGIN EB  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** 75 COCOM DOC REV (7133/1  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** GarlanWA  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 03 JUN 2003  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** WITHDRAWN <16 MAY 2003 by ifshinsr, 3.4.X6, 3.4.X9>; RELEASED <03 JUN 2003 by GarlanWA>; APPROVED <03 JUN 2003 by GarlanWA>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
05 JUL 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** COCOM LIST REVIEW - IL 1133 CRYO VALVES  
**TAGS:** ESTC, COCOM  
**To:** OECD PARIS  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006